U.S. UTILITY PATENT APPLICATION O.I.P.E. SECTOR CLASS SUBCLASS SUBCLASS SUBCLASS SUBCLASS SUBCLASS ISSUING CLASSIFICATION ORIGINAL CROSS REFERENCE(8) CLASS SUBCLASS CLASS SUBCLASS (ORE SUBCLASS PER BLOCK) WITERNATIONAL CLASSIFICATION CALLS SUBCLASS CLASS SUBCLASS (ORE SUBCLASS PER BLOCK) WITERNATIONAL CLASSIFICATION COntribute or issues (8) reade File Subclass CLASS SUBCLASS (ORE SUBCLASS PER BLOCK) STERMINAL DISCLAIMER Shoots Droy. First Fig. Total Claims Print Graim for C.G. NOTICE OF ALLOWANCE MAILED ISSUE FEE Amount Due Date Paid The terminal months of this patient in allowed-period of the patent have been disclaimed. Comptinued or issues (8) reade File Subclass Fig. Droy. Print Fig. SSUE FEE Amount Due Date Paid The terminal months of this patient in the control of the patent have been disclaimed. Comptinued or issues (2) reade File Subclass ISSUE FEE Amount Due Date Paid The terminal months of this patient in the control of the patent in the control of the patent have been disclaimed. Comptinued or issues (2) reade File Subclass ISSUE FEE Amount Due Date Paid The terminal months of this patient in the control of the patent in the control of the patent have been disclaimed. Comptinued or issues (2) reade File Amount Due Date Paid The terminal months of this patient in the control of the patent in the control of the patent have been disclaimed. Comptinued or issues (2) reade File Amount Due Date Paid Comptinued or issues (2) reade File Amount Due Date Paid Comptinued or issues (2) reade File Amount Due Date Paid Comptinued or issues (2) reade File Comptinued or issues (2) reade F	SECTOR CLASS SUBCLASS	09/001643	Class Subscription	The second secon	***		
SECTOR CLASS SUBCLASS SU	SECTOR CLASS SUBCLASS SUBCLAS		- S	U.S. UTILITY PA	ATENT APPL	ICATION L	
SECTOR CLASS SUBCLASS SUBCLAS	SECTOR CLASS SUBCLASS SUBCLAS			O.I.P.E.			
SECTOR CLASS SUBCLASS SUBCLAS	SECTOR CLASS SUBCLASS SUBCLAS		700	SCANNED SM	an TW	The state of	世内明なるでは
PREPARED AND APPROVED FOR ISSUE SSUING CLASSIFICATION	PREPARED AND APPROVED FOR ISSUE	23				1 22	
PREPARED AND APPROVED FOR ISSUE ISSUING CLASSIFICATION ORIGINAL CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) ***********************************	PREPARED AND APPROVED FOR ISSUE ISSUING CLASSIFICATION ORIGINAL CROSS REFERENCE(8) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) PRITERNATIONAL CLASSIFICATION Original CLASS SUBCLASS CLASS SUBCLASS CLASS SUBCLASS PER BLOCK) PRITERNATIONAL CLASSIFICATION Original COnfinition on Issue Site Inside File Subcut. DISCLAIMER Shoets Drivg. Figs. Drivg. Print Fig. Total Claims Print Claim for O.G. NOTICE OF ALLOWANCE MAILED Subsequent to		SECTOR CLASS	SUBCLASS	ART UNIT	EXAMINER	NATO
PREPARED AND APPROVED FOR ISSUE ISSUING CLASSIFICATION ORIGINAL CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) ***********************************	PREPARED AND APPROVED FOR ISSUE ISSUING CLASSIFICATION ORIGINAL CROSS REFERENCE(8) CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) PRITERNATIONAL CLASSIFICATION Original CLASS SUBCLASS CLASS SUBCLASS CLASS SUBCLASS PER BLOCK) PRITERNATIONAL CLASSIFICATION Original COnfinition on Issue Site Inside File Subcut. DISCLAIMER Shoets Drivg. Figs. Drivg. Print Fig. Total Claims Print Claim for O.G. NOTICE OF ALLOWANCE MAILED Subsequent to		107 13	Both	2118	Par Town	11 roud roc
SSUING CLASSIFICATION	SSUING CLASS FICATION				FI		
SSUING CLASSIFICATION CROSS REFERENCE(S)	CLASS SUBCLASS CLASS SUBCLASS CRESS REFERENCE(8)						
SSUING CLASSIFICATION CROSS REFERENCE(S)	CLASS SUBCLASS CLASS SUBCLASS CRESS REFERENCE(8)						
SSUING CLASSIFICATION CROSS REFERENCE(S)	CLASS SUBCLASS CLASS SUBCLASS CRESS REFERENCE(8)						
SSUING CLASSIFICATION CROSS REFERENCE(S)	CLASS SUBCLASS CLASS SUBCLASS CRESS REFERENCE(8)						
SSUING CLASSIFICATION CROSS REFERENCE(S)	CLASS SUBCLASS CLASS SUBCLASS CRESS REFERENCE(8)			<u> </u>			
CLASS SUBCLASS CLASS SUBCLASS CLASS SUBCLASS CHE SUBCLASS PER BLOCK	CLASS SUBCLASS CLASS SUBCLASS SUBC		PRE	PARED AND AP	PROVED FO	R ISSUE	
ORIGINAL CLASS SUBCLASS CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) BITERNATIONAL CLASSIFICATION	CLASS SUBCLASS CLASS SUBCLASS (OME SUBCLASS PER BLOCK) INTERNATIONAL CLASSIFICATION	P. 1. 1. 1					
CLASS SUBCLASS SUBCLASS (ONE SUBCLASS OF SUBCLAS	CLASS SUBCLASS Sub			ISSUING CLA			
INTERNATIONAL CLASSIFICATION. Continued on Issue Silp Inside File Jacket Continued on Issue Silp Inside Fi	INTERNATIONAL CLASSIFICATION Continued on Issue Step Inside File Jacket			- 			oom.
INTERNATIONAL CLASSIFICATION Continued on issue Site inside File Jacket TERMINAL DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims	INTERNATIONAL CLASSIFICATION Continued on Issue Site Inside File Jacket	34 × 35 5	CLASS	CLASS	1	E SUSCLASS PER BL	
Continued on Issue Silp Inside File Jacket	Continued on itssue Site inside File Jacket		ENTERNATIONAL CLASSIFICATIO	in the second		Section 1	30 Mars 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TERMINAL DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. NOTICE OF ALLOWANCE MAILED subsequent to	Continued on Issue Silp Inside File Jacket				रपाइ के	3 3 5000	
Continued on issue Silp inside File Jacket	TERMINAL DRAWINGS CLAIMS ALLOWED DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G. a) The term of this patent subsequent to	冷 意。				5 3 July 1	
TERMINAL DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G.	TERMINAL DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. a) The term of this patent subsequent to		· · · · · · · · · · · · · · · · · · ·		是是安徽年	34 in 1844	阿德斯斯斯司首
TERMINAL DRAWINGS CLAIMS ALLOWED DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Caim for O.G. a) The term of this patent shall not extend beyond the expiration date of U.S Patent. No. (Date)	TERMINAL DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. NOTICE OF ALLOWANCE MAILED subsequent to			334 A U 1 2		主教人 法线	
TERMINAL DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims. Print Claim for O.G a) The term of this patent state	TERMINAL DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims. Print Claim for O.G. a) The term of this patent state subsequent to (date) has been disclaimed. (Assistant Examiner) ((Date) b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No.		柳刻烈 3 4 /			Continued on tasue Silp	Inside File Jacket
DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims. Print Claim for O.G. In a) The term of this patent state subsequent to (date) has been disclaimed. (Assistant Examiner) (Date) In a The term of this patent shall not extend beyond the expiration date of U.S Patent. No. ISSUE FEE Amount Due Date Paid ISSUE BATCH NUMBER Claims Print Claim for O.G. NOTICE OF ALLOWANCE MAILED NOTICE OF ALLOWANCE MAILED ISSUE FEE Amount Due Date Paid Common	DISCLAIMER Sheets Drwg. Figs. Drwg. Print Fig. Total Claims Print Claim for O.G. In a) The term of this patent state subsequent to (date) has been disclaimed. (Assistant Examiner) ((Date) In a Different of this patent shall not extend beyond the expiration date of U.S Patent. No. ISSUE FEE Amount Due Date Paid In the terminal months of this patent shall not extend beyond the expiration date of U.S Patent. No. WARNING:	第	第八届新工作。接近		传,是特别		
NOTICE OF ALLOWANCE MAILED	NOTICE OF ALLOWANCE MAILED		TERMINAL	DRAWIN	IGS	CLAIM	S ALLOWED
(Use) The term of this patent shall not extend beyond the expiration date of U.S Patent. No	(Use) The term of this patent shall not extend beyond the expiration date of U.S Patent. No	77 5 80 77 5 80	DISCLAIMER	Sheets Drwg. Figs. D	rwg. Print Fig.	Total Claims	Print Claim for O.G
(Use) The term of this patent shall not extend beyond the expiration date of U.S Patent. No	(Use) The term of this patent shall not extend beyond the expiration date of U.S Patent. No	45					
has been disclaimed. (Assistant Examiner) (Date) D) The term of this patent shall not extend beyond the expiration date of U.S Patent. No. ISSUE FEE	has been disclaimed. (Assistant Examiner)* (Chain) (Date) (Pitriary Examiner)* (Chain) (Pitriary Examiner)* (Chain) (Pitriary Examiner) (Date) (Pitriary Examiner) (Date) (Date) (Date) WARNING:		(a) The term of this patent			NOTICE OF ALL	OWANCE MAILED
Digital The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. ISSUE FEE	Digital The term of this patent shall not extend beyond the expiration date of U.S Patent. No. ISSUE FEE			(Assistant Examiner)	r (Dato)		
incit extraind beyond the expiration date of U.S Patenti. No	inct extend beyond the expiration date of U.S Patent. No						
Amount Due Date Pald (Primary Examiner) (Deta) ISSUE BATCH NUMBER (Legal Instruments Examiner) (Deta)	(Primary Examiner) (Primary Examiner) (Date) ISSUE BATCH NUMBER (Legal Instruments Examiner) (Date) WARNING:		not extend beyond the expiration date			ISS	UE FEE
c) The terminalmonths of this patent have been disclaimed. (Legal Instruments Examiner) (Date)	c) The terminalmonths of this patent have been disclaimed. (Legal instruments Examinar) (Date) WARNING: ISSUE BATCH NUMBER (Legal instruments Examinar) (Date)					Amount Due	Date Paid
C) The terminalmonths of this patent have been disclaimed. (Logal Instruments Examiner) (Desa)	C) The terminalmonths of this patent have been disclaimed. (Legal Instruments Examinar) (Date) WARNING: ISSUE BATCH NUMBER ISSUE BATCH NUMBER				(Date)	, A	
this patent have been disclaimed. (Legal Instruments Examiner) (Date)	this patent have been disclaimed. (Legal Instruments Examinar) (Octob) WARNING: WARNING: (Detail Control Co			(Planty Extract)		ISSUE BA	TCH NUMBER
(Lagan authoritatic Continue) / Lessa)	WARNING: WARNING:	-					
	to the state of the state of the section of the state of			(Legal Instruments Examine	r) (Deta)		
			(Rev. 10/97)				
Form PTO-438A	(Rev. 1097)						
Form PTO-438A	(Rev. 1097)			(LABI	EL AREA)	* •	
Form PTO-438A	: (Rev. 1097)						
Form PTO-438A (Rev. 1097)	: (Rev. 1097)						
Form PTO-438A (Rev. 1097)	: (Rev. 1097)			(1	FACE)		
Form PTO-438A (Rev. 1097)	(LABEL AREA)	- 40 TM			<u> </u>		
Form PTO-438A (Rev. 1097) (LABEL AREA)	(LABEL AREA)						